

FIG. 1

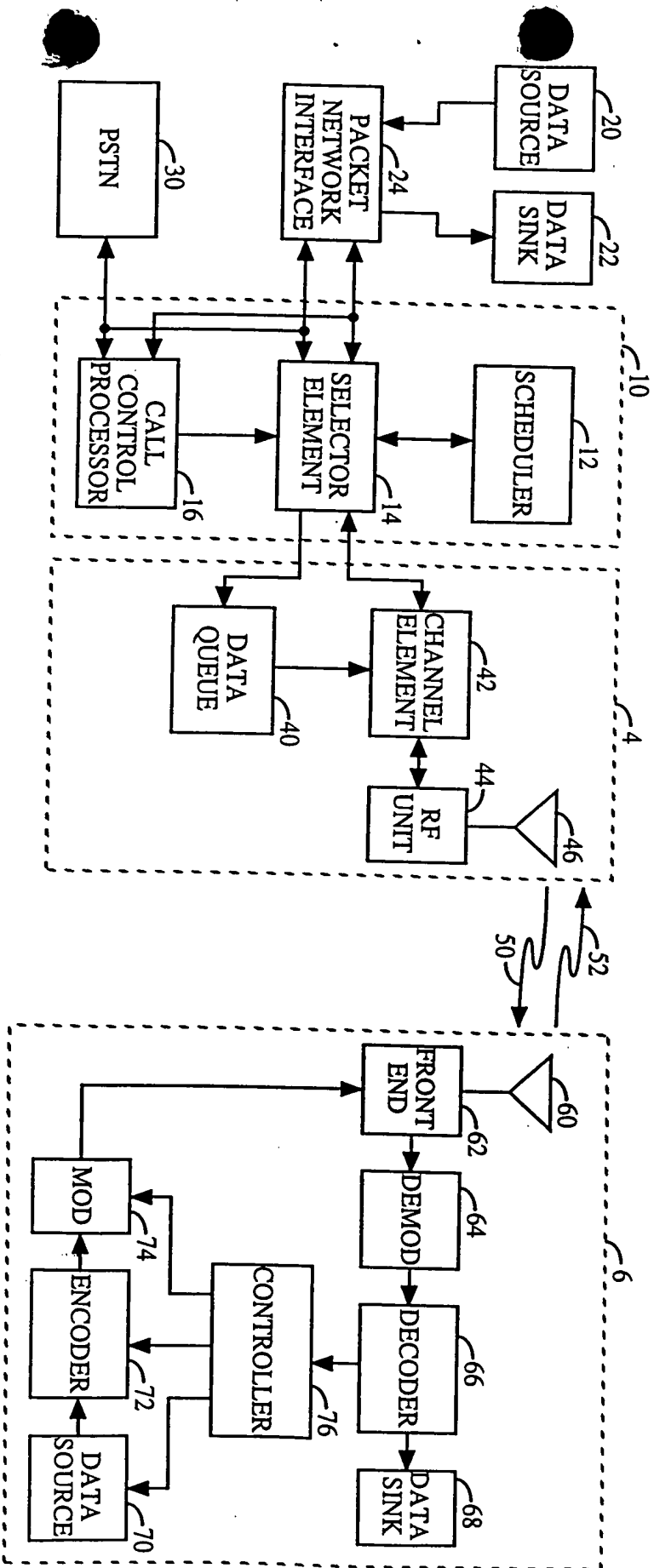


FIG. 2

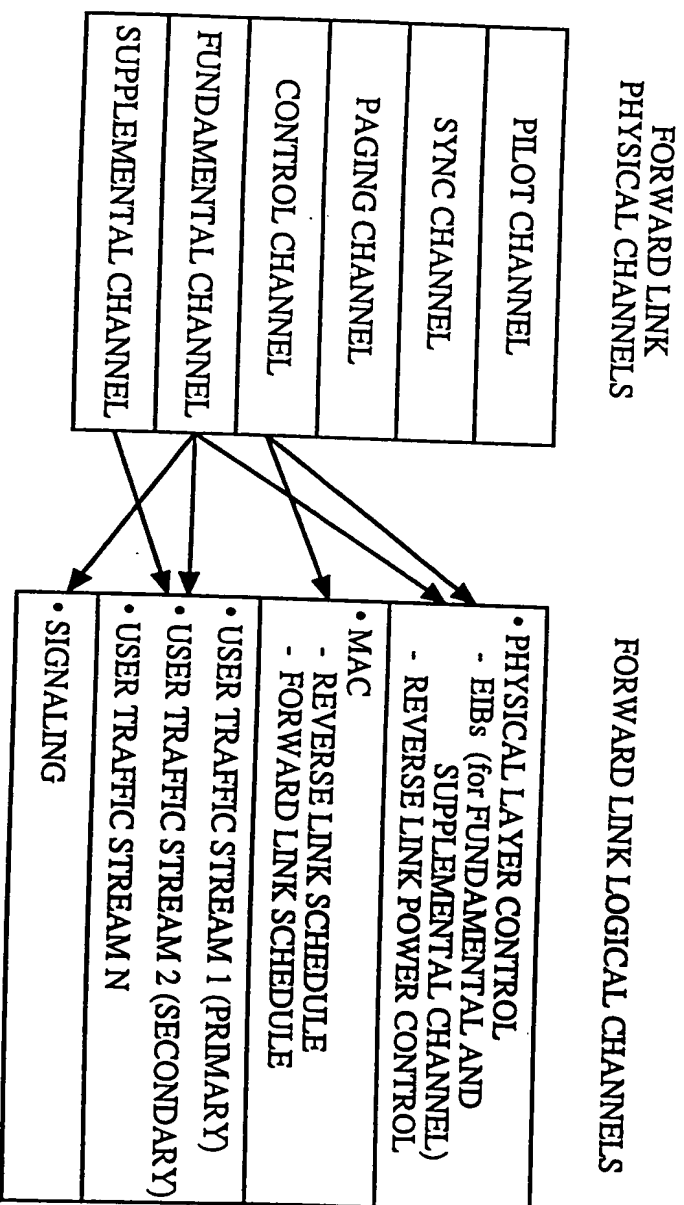


FIG. 3

REVERSE LINK  
PHYSICAL CHANNELS

ACCESS CHANNEL
PLOT/CONTROL CHANNEL
FUNDAMENTAL CHANNEL
SUPPLEMENTAL CHANNEL

REVERSE LINK LOGICAL CHANNELS

<ul style="list-style-type: none"> <li>• PHYSICAL LAYER CONTROL <ul style="list-style-type: none"> <li>- EIBs (for FUNDAMENTAL AND SUPPLEMENTAL CHANNEL)</li> <li>- FORWARD LINK POWER CONTROL</li> <li>- INTER-CELL <math>\Delta</math> POWER LEVELS</li> <li>- INTER-CARRIER POWER LEVELS</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• MAC <ul style="list-style-type: none"> <li>- QUEUE SIZE</li> <li>- POWER HEADROOM</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• USER TRAFFIC STREAM 1 (PRIMARY)</li> <li>• USER TRAFFIC STREAM 2 (SECONDARY)</li> <li>• USER TRAFFIC STREAM N</li> </ul>
<ul style="list-style-type: none"> <li>• SIGNALING</li> </ul>

FIG. 4

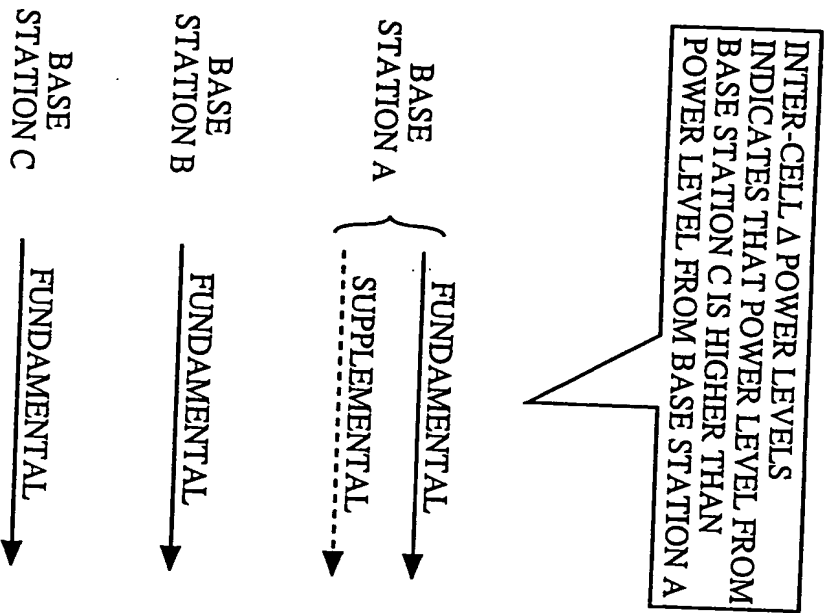


FIG. 5A

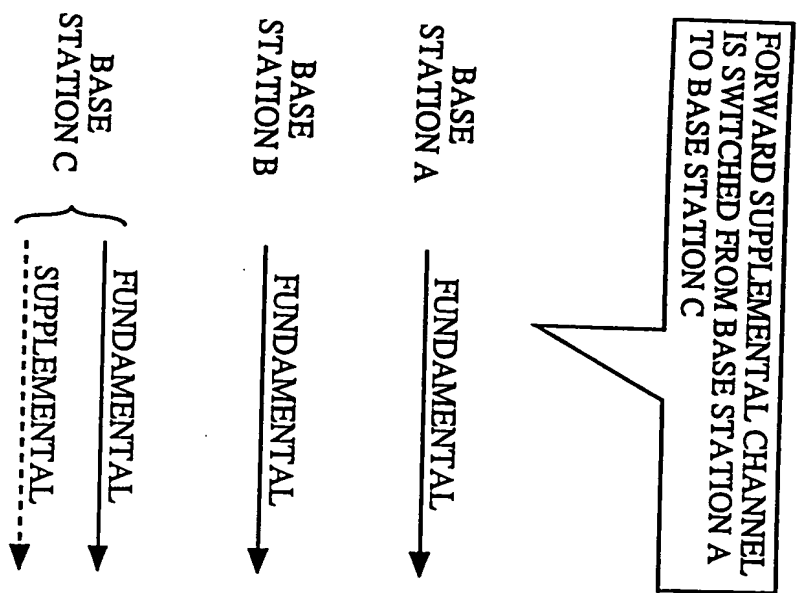


FIG. 5B

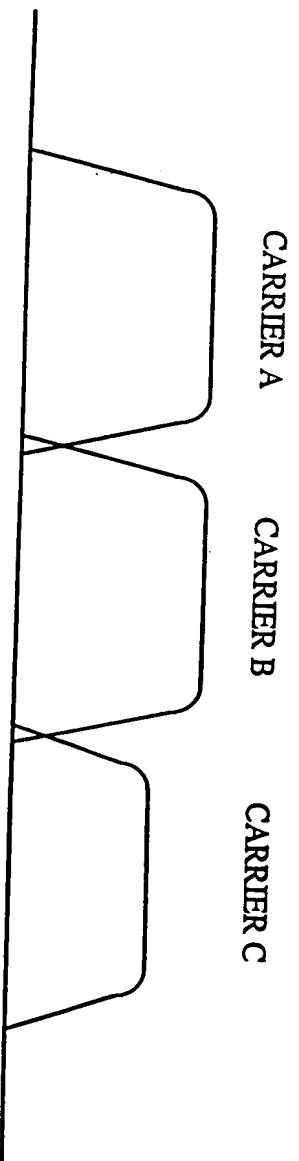


FIG. 6

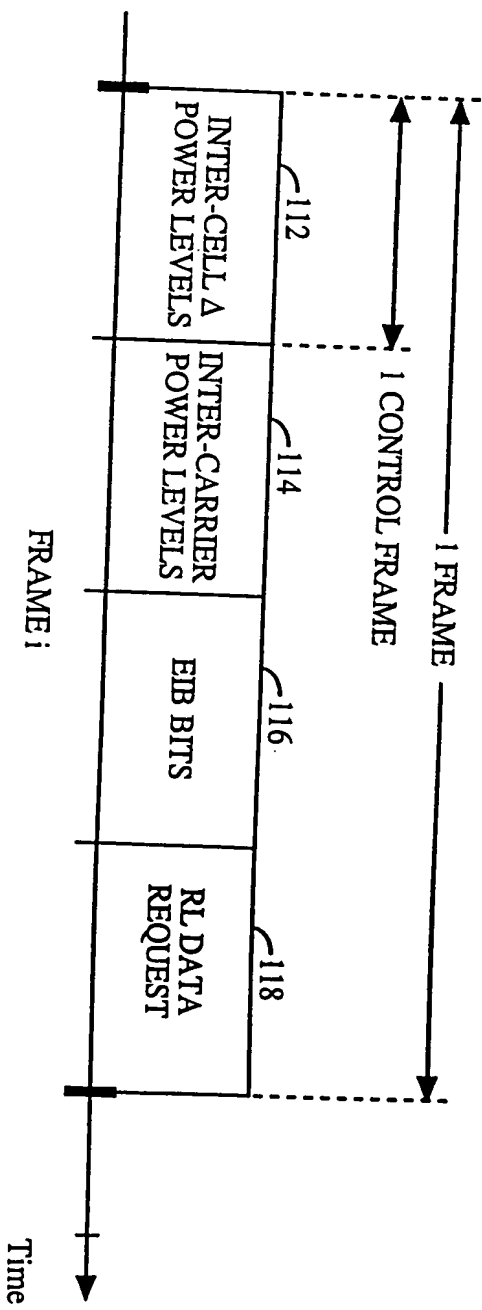


FIG. 7A

FIG. 7A is a timing diagram of a frame structure. The frame is divided into four segments: INTER-CELL Δ POWER LEVELS (112), INTER-CARRIER POWER LEVELS (114), EIB BITS (116), and RL DATA REQUEST (118). The first two segments are grouped under the label 1 CONTROL FRAME. The entire frame is labeled 1 FRAME. The vertical axis represents Time.

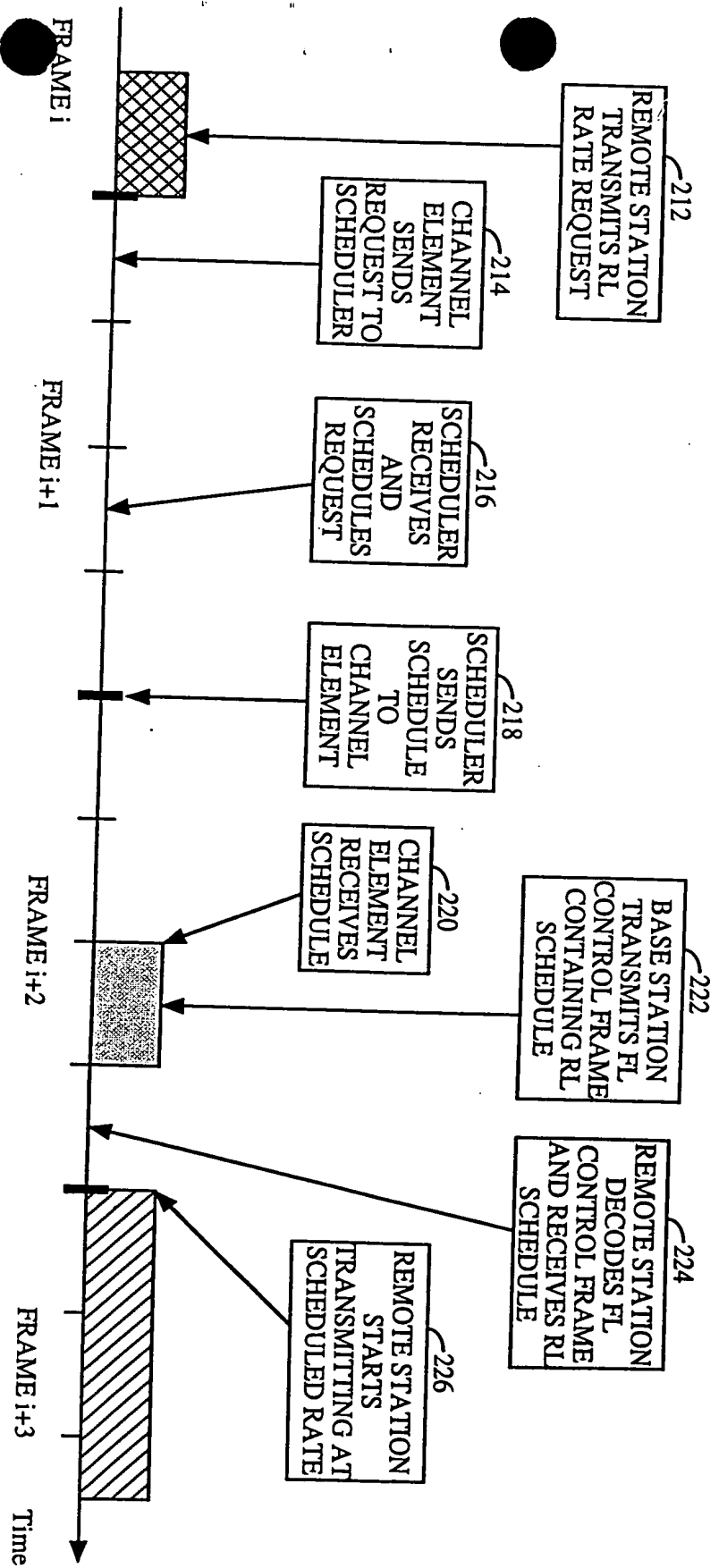


FIG. 7B





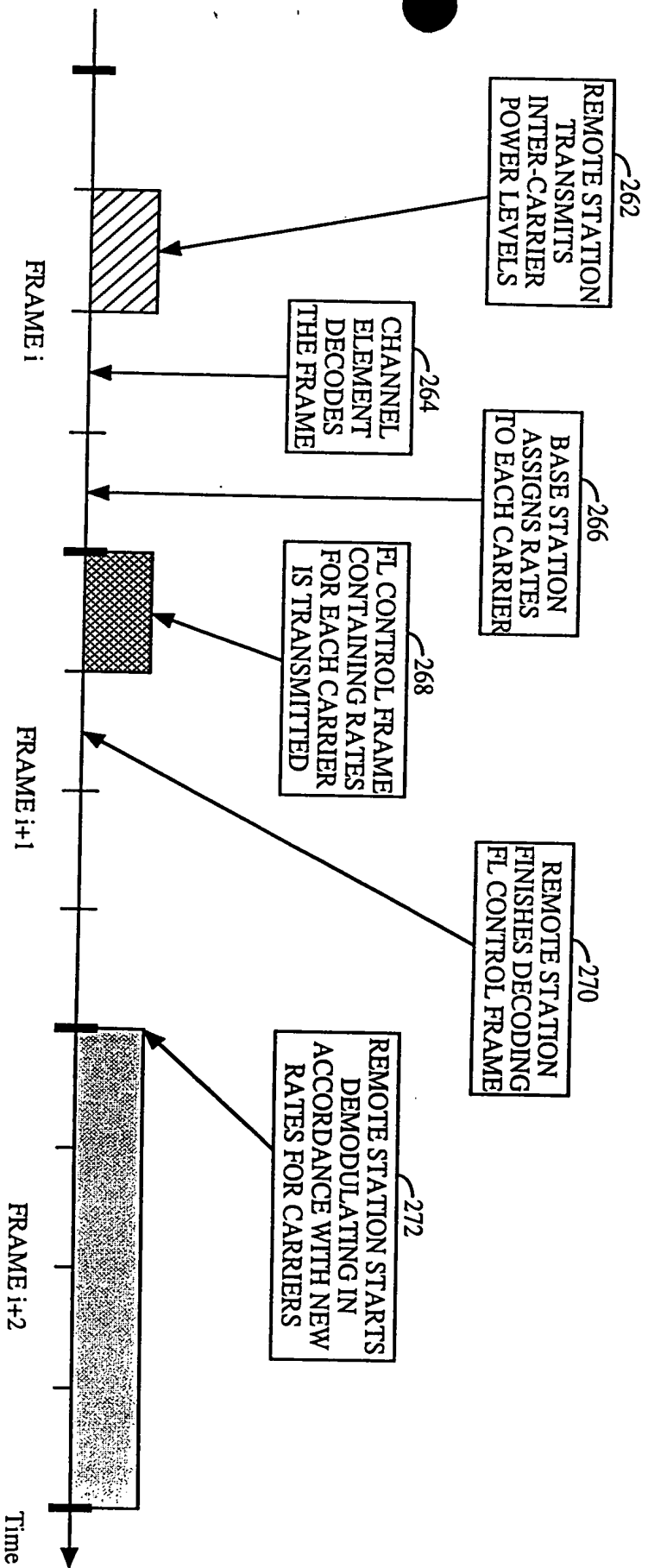


FIG. 7D

FIG. 7D is a timing diagram showing the sequence of events for three frames: FRAME i, FRAME i+1, and FRAME i+2. The diagram includes a horizontal timeline labeled 'Time' with tick marks. Various shaded blocks represent transmissions: a hatched block for Remote Station 262, a cross-hatched block for Remote Station 268, and a stippled block for Remote Station 272. Callout boxes describe the actions of the Base Station (266) and the Remote Stations (262, 268, 272) during each frame.

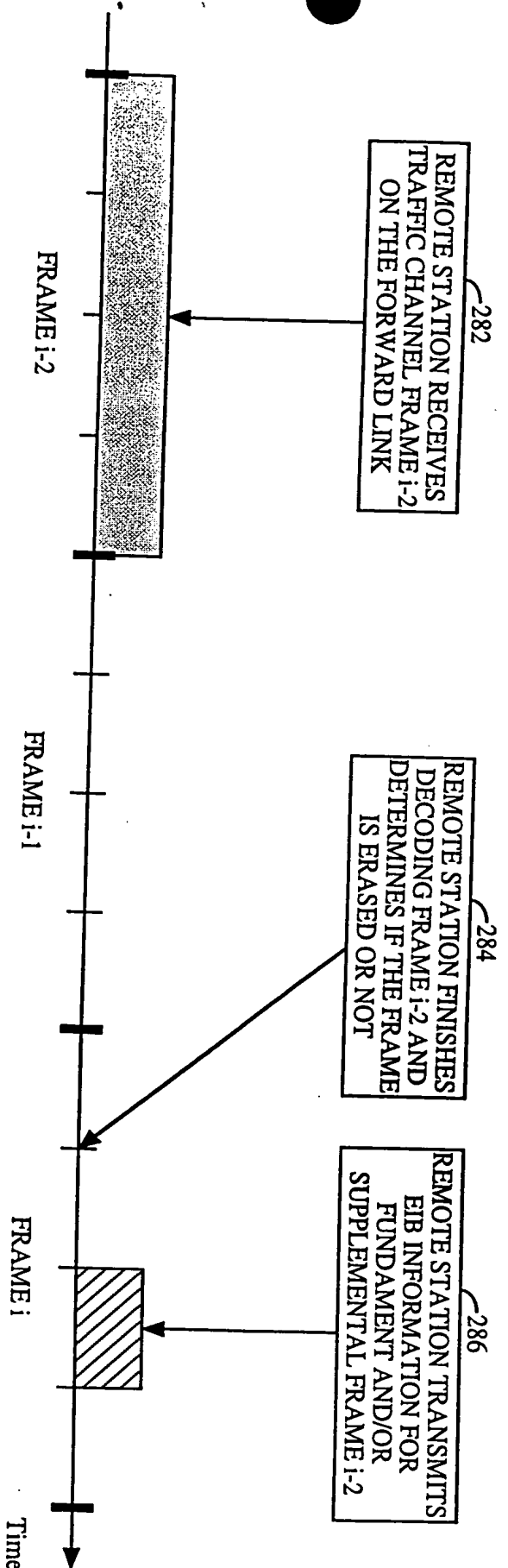


FIG. 7E

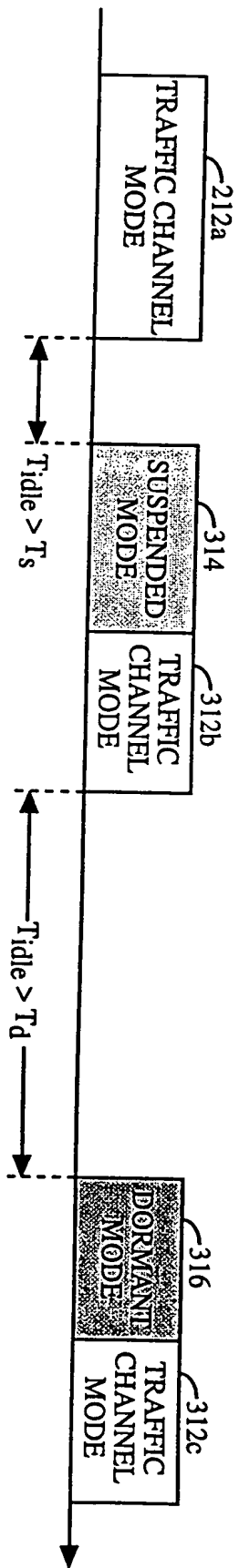


FIG. 8A

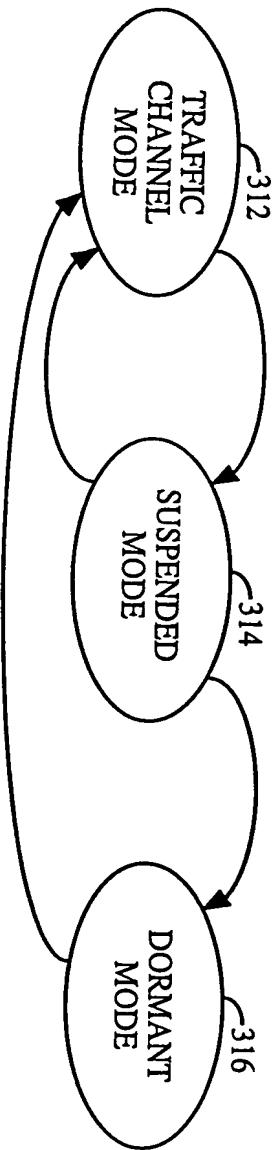


FIG. 8B

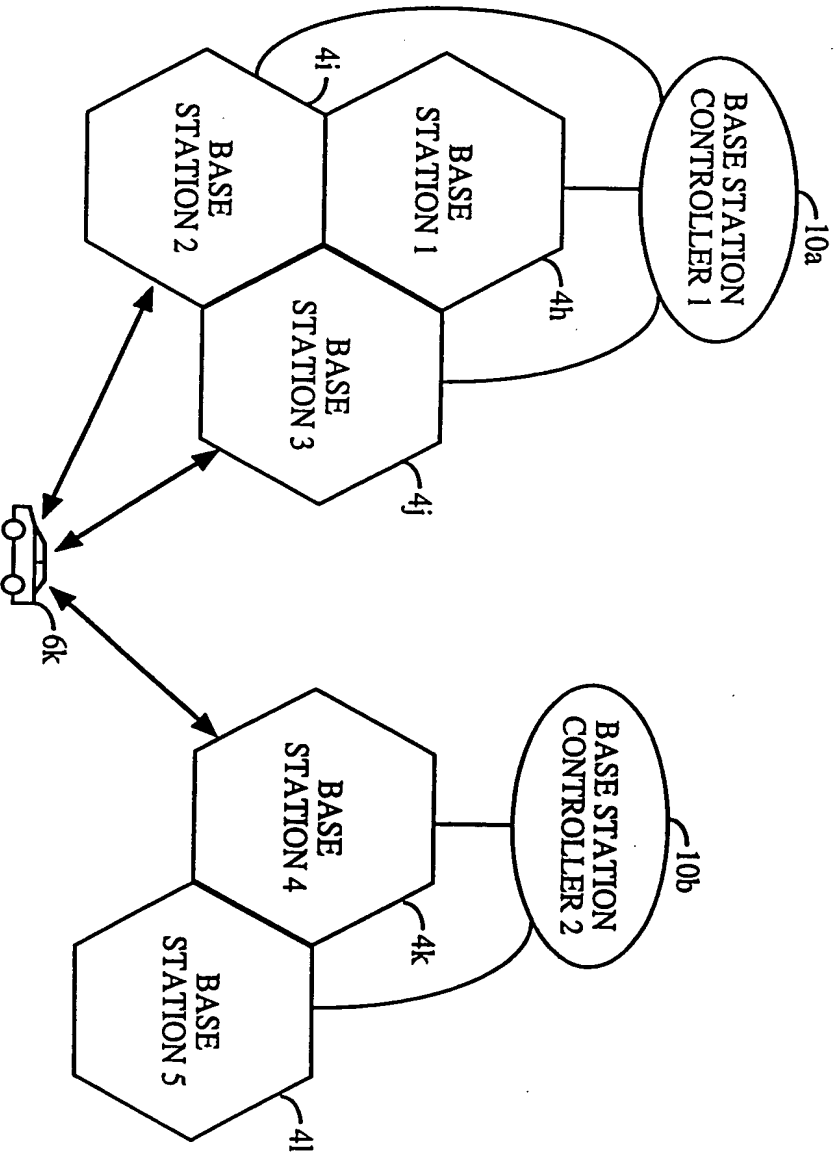
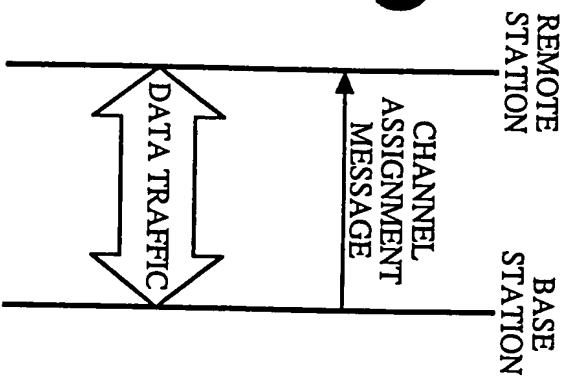
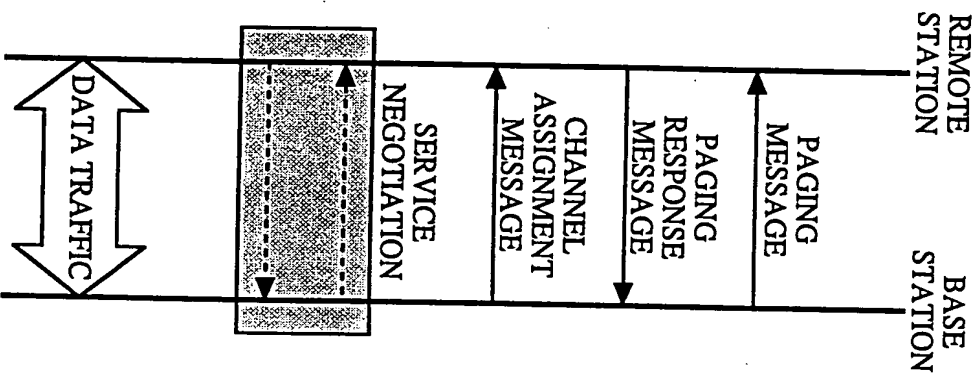


FIG. 8C

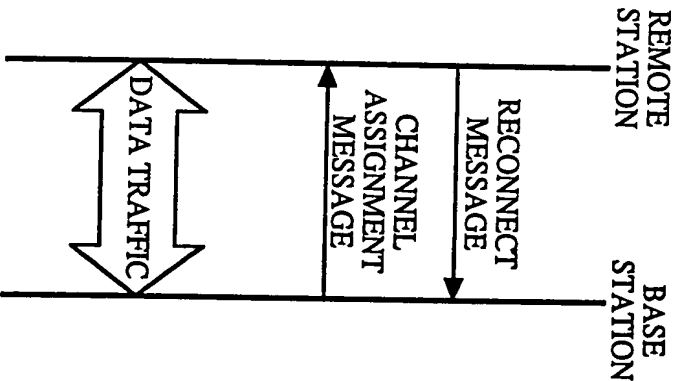
REMOTE STATION IN  
SUSPENDED MODE



REMOTE STATION IN  
DORMANT MODE



REMOTE STATION IN  
SUSPENDED MODE



REMOTE STATION IN  
DORMANT MODE

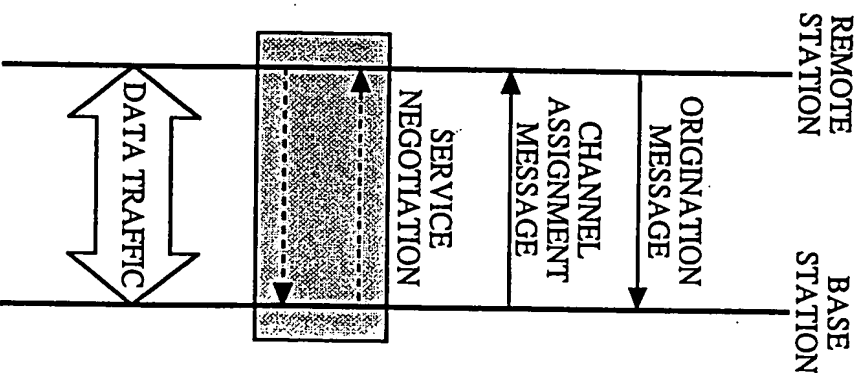


FIG. 9A

FIG. 9B

FIG. 9C

FIG. 9D